

REMARKS

In the Office Action the Examiner noted that claims 1-14 are pending in the application, and the Examiner rejected all claims. By this Amendment, claims 1 and 9 have been amended, and new claims 15 and 16 have been added. No new matter has been presented. Thus, claims 1-16 are pending in the application. The Examiner's rejections are traversed below, and reconsideration of all rejected claims is respectfully requested.

Claim Rejections Under 35 USC §103

In items 3-13 on pages 2-4 of the Office Action the Examiner rejected claims 1-14 under 35 U.S.C. §103(a) as being unpatentable over the Description of the Related Art in the present application (hereinafter referred to as "DRA") in view of Official Notice. The Applicants respectfully traverse the Examiner's rejections of these claims.

Claim 1 of the present application, as amended, recites a method for instruction processing executing on a computer including determining whether said basic instruction is arranged in an allowable order. The Applicants respectfully submit that DRA does not contemplate at least this feature of claim 1.

DRA discloses merely reading the VLIW instructions to the corresponding instruction slots, as the instructions are stored in a memory in a one-to-one basis with those instruction slots. In other words, if there are six such slots (one for each functional unit), as shown in Figure 1 of the present application, then each VLIW instruction has six instructions that are arranged on a one-to-one basis for those slots. If any given VLIW instructions does not have an actual operational instruction for the corresponding instruction slot (or functional unit), then that place in the VLIW instruction is taken by an "NOP" instruction, which is a no operation instruction. Therefore, DRA could not reasonably contemplate the feature of determining whether said basic instruction is arranged in an allowable order, as recited in claim 1.

In order to form a proper rejection under §103, the cited references must disclose all of the features of the rejected claim. Therefore, since neither DRA nor the contested Examiner's Official Notice discloses or suggests at least the features of claim 1 discussed above, it is respectfully submitted that claim 1 patentably distinguishes over the cited references.

Claims 2-8 and 13-14 depend from claim 1 and include all of the features of that claim plus additional features which are not disclosed or suggested by DRA. Therefore, it is respectfully submitted that claims 2-8 and 13-14 also patentably distinguish over DRA.

Claim 9 of the present application, as amended, recites similar features to those discussed above in regard to claim 1, and which are not disclosed or suggested by the cited references. Therefore, it is respectfully submitted that claim 9 also patentably distinguishes over DRA.

Claims 10-12 depend from claim 9 and include all of the features of that claim plus additional features which are not disclosed or suggested by DRA. Therefore, it is respectfully submitted that claims 10-12 also patentably distinguish over DRA.

New Claims 15 and 16

New claims 15 and 16 depend from claims 1 and 9, respectively, and include all of the features of those respective claims plus additional features which are not disclosed or suggested by DRA. Therefore, it is respectfully submitted that new claims 15 and 16 also patentably distinguish over the cited references.

Summary

In accordance with the foregoing, claims 1 and 9 have been amended, and new claims 15 and 16 have been added. No new matter has been presented. Thus, claims 1-16 are pending and under consideration.

There being no further outstanding objections or rejections, it is respectfully submitted that the application is in condition for allowance. An early action to that effect is courteously solicited.

Serial No. 10/053,707

Finally, if there are any formal matters remaining after this response, the Examiner is requested to telephone the undersigned to attend to these matters.

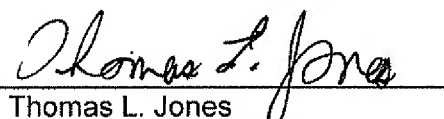
If there are any additional fees associated with filing of this Amendment, please charge the same to our Deposit Account No. 19-3935.

Respectfully submitted,

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